NFORMATION DISCLOSURE STATEMENT BY APPLICANT Not for submission under 37 CFR 199)	Application Number		10539181		
	Filing Date		2006-06-02		
	First Named Inventor	Rober	rts, Cynthia		
	Art Unit		3769		
Not for submission under 57 Of K 1.33)	Examiner Name	Lipitz, Jeffrey Brian			
	Attorney Docket Numb	er	OSU0011PA/41096 27		

					U.S.	PATENTS			Kemove	J	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue [Date	Name of Pate of cited Docu	entee or Applicant ment	Releva		Lines where, ges or Relev	
	1										
If you wis	h to ad	d additional U.S. Pate	nt citatio	n inform	ation pl	lease click the	Add button.		Add		
			U.S.P	ATENT	APPLI	CATION PUB	LICATIONS		Remove		
Examiner Initial*	Cite N	Publication Number	Kind Code ¹	Publica Date	tion	Name of Pate of cited Docu	entee or Applicant ment	Releva		Lines where	
	1										
If you wis	h to ad	d additional U.S. Publi	shed Ap	plication	citatio	n information p	lease click the Ad	d button	Add		
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*		Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patente Applicant of cited Document	or	vhere Re	or Relevant	т.
	1										
If you wis	h to ad	d additional Foreign P	atent Do	cument	citation	information pl	lease click the Add	button	Add		_
			NON	1-PATE	NT LITE	RATURE DO	CUMENTS		Remove		_
Examiner Initials*	Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), redisher, city, andior country where publisher its volume-issue number(s).									Тs	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

	Application Number		10539181
	Filing Date		2006-06-02
	First Named Inventor Robe		rts, Cynthia
	Art Unit		3769
	Examiner Name Lipitz		Jeffrey Brian
	Attorney Docket Number		OSU0011PA/41096 27

1	Amm M et al., Refractive changes after phototherapeutic keratectomy, J Calaract Refract Surg. 1997; 23:839-844	
2	Biswell R, Comea In: Vaughn DG, Asbury T, Riondan-Eva P, eds. General Ophthalmology. Norwalk, CT: Appleton & Lange, 1992: 125.	
3	Bogan SJ et al., Classification of normal corneal topography based on computer-assisted videokeratography, Archives of Ophthalmology, 108(7):945-9, 1990.	
4	Bryant MR et al., Finite element analysis of comeal topographic changes after excimer laser phototherapeutic keratectomy, invest Ophthalmol Vis Sct 1993; 31 (suppl) 894.	
5	Bryant MR et al., Mathematical models of picosecond laser keratomileusis for high myopia, Journal of Refractive Surgery, vol. 16, 2000, p. 155-162.	
6	Campos M et al., Clinical follow-up of phototherapeutic keratectomy for treatment of comesi opeoties, Am J Opinitratmol: 1993; 115:433-440.	
7	Dierick HG et al., is the comeal contour influenced by a tension in the superficial epithelial cais? A new hypothesis, Refract Corneal Surg 1992; 8:34-39, Comments in Refract Corneal Surg 1992; 8:50 and 1993; 8:147.	
8	Dupps WJ, Cherro-mechanical modification of the comeal response to photokeratectomy (dissertation), Columbus (OH): The Ohio State University, 1998.	
9	Duppe WJ, Peripheral stromal expansion and anientor comeal flattening in phototherapeutic keratectomy: an in vitro human study (thesis), Columbus (OH): The Chio State University, 1995.	
10	Ehlers N. Studies on the hydration of the comea with special reference to the acid hydration, Acta Ophthatmol. 1966; 44.924-925.	
11	Ehiers N, The fibrillarly texture and the hydration of the comea, Acta Ophthalmol 1966; 44.620-630.	

12	Fagerholm P et al., Phototherapeulic keratectomy: long-term results in 166 eyes, Refract Corneal Surg. 1993, 9(suppl) \$76-81.	
13	Fathd AK, Effects of phototherapeuthc kenalectomy on perlipheral corneal thickness (ARVO Abstract), Invest Ophthelmol Vis Sci. 1996; 37(3): 5568 nr 2809.	
14	Gartry D et al., Excimer laser treatment of comeal surface pathology: a laboratory and clinical study, Br J Ophthalmol. 1991; 75:258-269.	
15	Gibert ML et al., Comeal flattening by shatlow circular trephination in human eye bank eyes, Refract Corneal Surg 1990; 6:113-116.	
16	Gilbert ML et al., Human comeal steepening by annular teratotomy, Invest Ophthalmol Vis Sci1980; 30(euppl):196.	
17	Hahn TW et al., Phototherapeutic keralectomy in 9 eyes with superficial comeal diseases, Refract Comeal Surg. 1993; 9(suppl): S115-118.	
18	Hanne KD et al., Preliminary computer simulation of the effects of radial keratolomy, Arch Ophthalmol. 1989; 107:911-918.	
19	Hedbys BO et al., A new method for the determination of the swelling pressure of the comeal stroma in vitro, Exp Eye Res 1963; 2-122-129.	
20	Hedbys 8O et al., Flow of water in the comeal stroma, Exp Eye Res 1962; 1.262-275.	
21	Hedbys 8O et al., The imbibation pressure of the comeal stroma, Exp Eye Res 1963; 2.99-111.	
22	Hee MR et al., Quantilative assessment of macular edema with optical coherence tomography, Arch Ophthalmology 1995; 113: 1019-1029.	

23	Hee MR et al., Optical coherence tomography for ophthalmic imaging, IEEE Engineering in Medicine and Biology 1995; 14. 67-76.	
24	Hee MR et al., Topography of dishetic macular edema with optical coherence tomography, Ophthalmology, 1996, Vol. 15, 2: 360-370.	
25	Hersh PS et al., Phototherapeutic keratectomy: strategies and results in 12 eyes, Refract Corneal Surg. 1993; 9 (suppl):590-95.	
26	Hjoridal JO, Region elastic performance of the human comes, Journal of Biomechanics (1996) 29, 931-942.	
27	Huang D et al., Optical coherence tomography, Science 1991; 254: 1178-1181.	
28	Izatt, J et al., Micrometer-Scale Resolution Imgaing of the Antenor Eye in Vivo with Optical Coherence Tomography, Arch Opthalmol, vol. 112, Dec. 1994 (6 pages)	
29	Jakus MA, The fine structure of the human comea, in: Smelser GK, ed, The Structure of the Eye, New York, NY: Academic Press, 1961.	
30	Jue B, et al., The mechanical properties of the rabbit and human comes, J Biomechanics 1996; 19:847-853.	
31	Kanal A et al., Electron microscopic studies of swollen comeal stroma, Ann Ophthalmol 1973, 5:178-190	
32	Klyce SD et al., In vivo determination or comeal swelling pressure, Exp EyeRes 1971; 11 220-229	
33	Koers DM, The measurement of human comeal thickness by photography [master's thesis]. Columbus, OH. The Ohio State University, 1982.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number 10539181	
Filing Date 2006-06-02	
First Named Inventor Roberts, Cynthia	
Art Unit 3769	
Examiner Name Lipitz, Jeffrey Brian	
Attorney Docket Number OSU0011PA/41096 27	

34	Lembach, poster presentation, The Refractive Effect of the Flap in Laser in situ keratom/leusus (LASIK), 2001	
35	Lindstrom RL et al., Six-month results of hyperopia and stigmatic LASIK in eyes with primary and secondary hyperopia, Tr AM Cpthti Soc 1999, XCVIII.241-280.	
36	Litvin KL et al., Changes in comeal curvature at different excimer laser ablative depths, Am J Ophthalmol. 1991; 111:382-384.	
37	MacRae SM et al., Large optical zone ablation treatment of myopis in the Oregon-Kansas study, investigative Ophthalmology and Visual Sciences Suppl. 1999; 40(4):SS88. [Abstract #3087].	
38	Mahmoud AM et al., poster presentation, The Ohio State University Corneal Topography Tool. Abstract, Invest Ophthalmol Vis Sci 2000, 41:5877.	
39	Maloney RK, A prototype erodible mask delivery system for the exomer laser, Ophthalmology 1993, 100:542-549.	
40	Marshall J et al., An untrestructural study of comeal incisions induced by an excimer laser at 193 nm, Ophthalmol 1985, 92749-758.	
41	Maurice DM et al, Cohesive strength of comesi lameilae, Exp Eye Res 1990; 50:59-63.	
42	Maurice DM, The correa and sclera. It: Davson H, ed, The eye. Vol. 1b. vegetative physiology and biochemistry. Orlando, FL. Academic Press, 1984:1-158.	
43	Maurice DM, The movement of fluorescen and water in the cornea, Am J Ophthalmol 1960, 49 1011-1019	
44	McDonald MB et al., "Autonomous custom comea LASIK". First International Congress of Wavefront Sensing and Abertation Free Abstrace Corrections, Optical Society of America Annual Meeting, 2000 (Non-archived Presentation, partial summary of presented material provided).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

pplication Number		10539181	
iling Date		2006-06-02	
irst Named Inventor Rober		rts, Cynthia	
rt Unit		3769	
xaminer Name Lipitz,		Jeffrey Brian	
Hornou Docket Number		OSU0011PA/41096 27	

Date Considered

	45	McDonnell PJ et al., Phototherapeulic keratectomy with excimer baser for Reis-Buckler's conneal dystrophy, Refract Corneal Surg. 1992, 6:366-315.	
	46	Mishima S et al., The effect of normal evaporation on the eye, Exp Eye Res 1961; 1:46-52.	
	47	Mishima S et al., The permeability of the comeal epithelium and endothelium to water, Exp Eye Res 1967, 6:10-32.	
	48	Munger R et al., "Ablation profile and epithelial regrowth after myogic PRK with VISX Star," American Society of Cataract and Refractive Surgery Annual Meeting, 1999 (Non-archived Presentation; partial summary of presented material provided).	
	49	O'Brart DPS et al., Treatment of band keratopathy by excimer laser phototherapeutic keratectomy: surgical techniques and long term follow up, Br J Opathalmol. 1963; 77:702-708.	
	50	Örndahi M et al., Treatment of comeal dystrophies with excimer laser, Acta Ophthalmol. 1994; 72:235-240.	
If you wis	h to a	dd additional non-patent literature document citation information please click the Add button Add	\neg

A

E

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a 1 See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. 2 Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 3 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 5 Applicant is to place a check mark here if

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER SIGNATURE

Examiner Signature

English language translation is attached.